

<b>Courage to Soar</b>			
<b>2005 Science</b>			
<b>Curriculum Standards</b>			
<b>South Carolina Science</b>			
<b>Grade 3</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Kite Flight	SC	SCI.3.3-1.3	Generate questions such as “what if?” or “how?” about objects, organisms, and events in the environment and use those questions to conduct a simple scientific investigation.
<b>Courage to Soar</b>			
<b>2005 Science</b>			
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<b>South Carolina Science</b>			
<b>Grade 4</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Kite Flight	SC	SCI.4.4-1.3	Summarize the characteristics of a simple scientific investigation that represent a fair test (including a question that identifies the problem, a prediction that indicates a possible outcome, a process that tests one manipulated variable at a time, and results that are communicated and explained).
Aviation Pioneers	SC	SCI.4.4-1.3	Summarize the characteristics of a simple scientific investigation that represent a fair test (including a question that identifies the problem, a prediction that indicates a possible outcome, a process that tests one manipulated variable at a time, and results that are communicated and explained).
The Matter of Air	SC	SCI.4.4-1.3	Summarize the characteristics of a simple scientific investigation that represent a fair test (including a question that identifies the problem, a prediction that indicates a possible outcome, a process that tests one manipulated variable at a time, and results that are communicated and explained).
Controlling the Plane	SC	SCI.4.4-1.3	Summarize the characteristics of a simple scientific investigation that represent a fair test (including a question that identifies the problem, a prediction that indicates a possible outcome, a process that tests one manipulated variable at a time, and results that are communicated and explained).
<b>Courage to Soar</b>			
<b>2005 Science</b>			
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<b>Grade 5</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Kite Flight	SC	SCI.5.5-1.1	Identify questions suitable for generating a hypothesis.
Soaring Higher	SC	SCI.5.5-5.2	Summarize the motion of an object in terms of position, direction, and speed.
Soaring Higher	SC	SCI.5.5-5.3	Explain how unbalanced forces affect the rate and direction of motion in objects.
Aviation Pioneers	SC	SCI.5.5-1.1	Identify questions suitable for generating a hypothesis.
Flying a Styrofoam Plane	SC	SCI.5.5-1.1	Identify questions suitable for generating a hypothesis.
Looking for Answers:A research project	SC	SCI.5.5-1.7	Use a simple technological design process to develop a solution or a product, communicating the design by using descriptions, models, and drawings.
The Matter of Air	SC	SCI.5.5-1.1	Identify questions suitable for generating a hypothesis.
The Matter of Air	SC	SCI.5.5-1.7	Use a simple technological design process to develop a solution or a product, communicating the design by using descriptions, models, and drawings.
The Four Forces of Flight	SC	SCI.5.5-1.7	Use a simple technological design process to develop a solution or a product, communicating the design by using descriptions, models, and drawings.
The Four Forces of Flight	SC	SCI.5.5-5.1	Illustrate the affects of force (including magnetism, gravity, and friction) on motion.